

COC# 101

11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8244
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CHAIN OF CUSTODY REPORT

Work Order #: M106064

CLIENT: BRISTOL				INVOICE TO: BRISTOL				TURNAROUND REQUEST in Business Days* Organic & Inorganic Analyses <div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 2px;">10</div> <div style="border: 1px solid black; padding: 2px;">7</div> <div style="border: 1px solid black; padding: 2px;">5</div> <div style="border: 1px solid black; padding: 2px;">4</div> <div style="border: 1px solid black; padding: 2px;">3</div> <div style="border: 1px solid black; padding: 2px;">2</div> <div style="border: 1px solid black; padding: 2px;">1</div> <div style="border: 1px solid black; padding: 2px;"><1</div> </div> STD. Petroleum Hydrocarbon Analyses <div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 2px;">5</div> <div style="border: 1px solid black; padding: 2px;">4</div> <div style="border: 1px solid black; padding: 2px;">3</div> <div style="border: 1px solid black; padding: 2px;">2</div> <div style="border: 1px solid black; padding: 2px;">1</div> <div style="border: 1px solid black; padding: 2px;"><1</div> </div> STD. OTHER Please Specify _____ <small>*Turnaround Requests less than standard may incur Rush Charges.</small>											
REPORT TO: ANNE KRANAWETTER				P.O. NUMBER: 21090															
ADDRESS: AMCHITKA ISLAND, ALASKA																			
PHONE: 907-770-0974 FAX: 770-0975																			
PROJECT NAME: AMCHITKA				REQUESTED ANALYSES															
PROJECT NUMBER: 21090																			
SAMPLED BY:																			
CLIENT SAMPLE IDENTIFICATION		SAMPLING DATE/TIME		HIS								MATRIX (W, S, O)		# OF CONT.		COMMENTS		NCA WO ID	
1. OIAM A901SL		6/21/01 1600		X								S		1					
2. OIAM A902SL		6/21/01 1605		X								S		1					
3. OIAM A903SL		6/21/01 1610		X								S		1					
4.																			
5.																			
6.																			
7.																			
8.																			
9.																			
10.																			
11.																			
12.																			
13.																			
14.																			
15.																			
RELINQUISHED BY: <i>Charlie Marshall</i>				DATE: 6/21/01				RECEIVED BY: <i>Tim McKeown</i>				DATE: 6/21/01							
PRINT NAME: Charlie Marshall				FIRM: BRISTOL				TIME: 1634				PRINT NAME: Tim McKeown				FIRM: NCA			
RELINQUISHED BY:				DATE:				RECEIVED BY:				DATE:							
PRINT NAME:				FIRM:				TIME:				PRINT NAME:				FIRM:			
ADDITIONAL REMARKS: SAMPLES RENAMED. "A9" changed to "A16"																TEMP:		PAGE OF	



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6 December, 2001

Anne Kranawetter
Bristol Environmental & Engineering
2000 W International Airport C#1
Anchorage, AK 99502-1116

RE: Amchitka

Enclosed are the results of analyses for samples received by the laboratory on 06/21/01 16:33. If you have any questions concerning this report, please feel free to contact me.

This report was recreated from a previously issued final report in order to provide an electronic copy. The final report used for these electronic copies may have been previously issued as an amended report due to client requested changes to sample names, etc. No data has changed since submission of the previously issued final, or amended, report.

Sincerely,

Stephen Wilson
Environmental Group Leader

Work Orders included in this report:

M106064



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Bristol Environmental & Engineering
2000 W International Airport C#1
Anchorage, AK 99502-1116

Project: Amchitka
Project Number: 21090
Project Manager: Anne Kranawetter

Reported:
10/25/01 01:18

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
01AMA1601SL	M106064-01	Soil	06/21/01 16:00	06/21/01 16:33
01AMA1602SL	M106064-02	Soil	06/21/01 16:05	06/21/01 16:33
01AMA1603SL	M106064-03	Soil	06/21/01 16:10	06/21/01 16:33

C.O.C. # 101

North Creek Analytical - Mobile Lab

Stephen Wilson, Environmental Group Leader

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

North Creek Analytical, Inc.
Environmental Laboratory Network

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Reported:
10/25/01 01:18

Hydrocarbon Identification per NW-TPH Methodology North Creek Analytical - Mobile Lab

Analyte	Result	Reporting Limit	Units	Dilution	Method	Prepared	Analyzed	Batch	Notes
01AMA1601SL (M106064-01) Soil					Sampled: 06/21/01 Received: 06/21/01			A-01	
Gasoline Range Hydrocarbons	ND	10.0	mg/kg	1	NWTPH HCID	06/21/01	06/21/01	0106071	
Diesel Range Hydrocarbons	ND	25.1	"	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	ND	50.2	"	"	"	"	"	"	
<i>Surr: 1-Chlorooctadecane</i>	<i>112 %</i>	<i>50-150</i>							
01AMA1602SL (M106064-02) Soil					Sampled: 06/21/01 Received: 06/21/01				
Gasoline Range Hydrocarbons	ND	9.81	mg/kg	1	NWTPH HCID	06/21/01	06/21/01	0106071	
Diesel Range Hydrocarbons	ND	24.5	"	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	ND	49.1	"	"	"	"	"	"	
<i>Surr: 1-Chlorooctadecane</i>	<i>93.9 %</i>	<i>50-150</i>							
01AMA1603SL (M106064-03) Soil					Sampled: 06/21/01 Received: 06/21/01			A-01	
Gasoline Range Hydrocarbons	ND	9.52	mg/kg	1	NWTPH HCID	06/21/01	06/21/01	0106071	
Diesel Range Hydrocarbons	ND	23.8	"	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	ND	47.6	"	"	"	"	"	"	
<i>Surr: 1-Chlorooctadecane</i>	<i>110 %</i>	<i>50-150</i>							

North Creek Analytical - Mobile Lab

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Reported:
10/25/01 01:18

Hydrocarbon Identification per NW-TPH Methodology - Quality Control

North Creek Analytical - Mobile Lab

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch 0106071 - TPH-HCID (WA)

Blank (0106071-BLK1)

Prepared & Analyzed: 06/21/01

Gasoline Range Hydrocarbons	ND	10.0	mg/kg						
Diesel Range Hydrocarbons	ND	25.0	"						
Heavy Oil Range Hydrocarbons	ND	50.0	"						
<i>Surr: 1-Chlorooctadecane</i>	<i>10.8</i>		<i>"</i>	<i>10.0</i>		<i>108</i>	<i>50-150</i>		

North Creek Analytical - Mobile Lab

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10/25/01 01:18

Notes and Definitions

A-01 Acceptance criteria for gas and oil CCV exceeded high. Sample results are non-detect and are not affected. DoD QSM Draft 5.9.4.2.E.1

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis. MRLs are adjusted if %Solids are less than 50%.

wet Sample results reported on a wet weight basis (as received)

RPD Relative Percent Difference

North Creek Analytical - Mobile Lab

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Environmental Laboratory Network

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Items for Project Manager Review

LabNumber	Analysis	Analyte	Exception
			Report recreated from: \\sisters\elmnt\Report\M106064 FINAL 10 25 01 0118.mdb Default Report (not modified)
M106064-01	NW-HCID mod		A-01
M106064-03	NW-HCID mod		A-01